

Amendments to the Claims

This listing of claims replaces all prior versions and listings of claims in the application:

1. (currently amended) <sup>fig. 5</sup> A device for eliminating the flickering of thin-film-transistor liquid-crystal-display (TFT-LCD), the device comprises:

a first <sup>(10)</sup> switch, configured between a power supply and an output end of the device;

a discharge <sup>(12)</sup> circuit, with one end connected between the first <sup>(10)</sup> switch and the output end of the device and the other end connected to the ground;

a second <sup>(14)</sup> switch, for controlling whether the discharge circuit is grounded;

a trigger signal source, <sup>(16)</sup> for controlling the switches; <sup>(10, 14)</sup> wherein when the first switch is on and the second switch is off, the output end of the device is connected to the power supply and the circuit is recharged, and when the first switch is off and the second switch is on, the discharge circuit is grounded and discharged; and

<sup>(18)</sup> [[M]] means for delaying opening of the second switch at lower temperatures, wherein the means is a component or circuit with a negative temperature coefficient.

2. (original) The device in claim 1, wherein the first and the second switches are transistors.

3. (original) The device in claim 1, wherein the discharge circuit comprises a resistor and a capacitor.

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4. (canceled)

5. (currently amended) ~~The device in claim 1, wherein the means for delaying opening of the second switch is disposed in the discharge circuit.~~ *fig. 5*

A device for eliminating the flickering of thin-film-transistor liquid-crystal-display (TFT-LCD), comprising:

a first switch, configured between a power supply and an output end of the device;

a discharge circuit, with one end connected between the first switch and the output end of the device and the other end connected to the ground;

a second switch, for controlling discharge circuit grounding;

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a trigger signal source, for controlling the switches;  
wherein when the first switch is on and the second switch is off, the output end of the device is connected to the power supply and the circuit is recharged, and when the first switch is off and the second switch is on, the discharge circuit is grounded and discharged; and

means for delaying opening of the second switch at lower temperatures, the means disposed in the discharge circuit.

~~The device in claim 1, wherein the means for delaying opening of the second switch is configured between the trigger signal source and the first switch.~~

6. (original) The device in claim 1, wherein the means for delaying opening of the second switch is configured between the

trigger signal source and the second switch.

7. (currently amended) The device in claim 14, wherein the means for delaying opening of the second switch is a thermistor.

8. (currently amended) The device in claim 14, wherein the means for delaying opening of the second switch has higher resistance at low temperature and lower resistance at high temperature.

9. (currently amended) A device for eliminating the flickering of thin-film-transistor liquid-crystal-display (TFT-LCD), comprising:

a first transistor, for connecting a power supply and an output end of the device;

(12)  
(10) a discharge circuit, with one end connected between the first ~~transistor-switch~~ and the output end of the device and the other end connected to the ground;

(14) a second transistor, for controlling whether the discharge circuit is grounded;

(16) (10, 14) a trigger signal source, for controlling the transistors ~~switches~~; wherein when the first ~~transistor-switch~~ is on and the second ~~transistor-switch~~ is off, the output end of the device is connected to the power supply and the circuit is recharged, and when the first ~~transistor-switch~~ is off and the second transistor switch is on, the discharge circuit is grounded and discharged;

and

(18) a thermistor for delaying opening of the second transistor switch at lower temperatures.

10. (original) The device in claim 9, wherein the discharge

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circuit comprises a resistor and a capacitor.

11. (currently amended) The device in claim 9, wherein the means for delaying opening of the second transistor-switch is disposed in the discharge circuit.

12. (currently amended) The device in claim 9, wherein the means for delaying opening of the second transistor-switch is configured between the trigger signal source and the first transistor-switch.

13. (currently amended) The device in claim 9, wherein the means for delaying opening of the second transistor-switch is configured between the trigger signal source and the second transistor switch.

14. (New) A device for eliminating the flickering of thin-film-transistor liquid-crystal-display (TFT-LCD), the device comprises:

a first switch, configured between a power supply and an output end of the device;

a discharge circuit, with one end connected between the first switch and the output end of the device and the other end connected to the ground;

a second switch, for controlling whether the discharge circuit is grounded;

a trigger signal source, for controlling the switches; wherein when the first switch is on and the second switch is off, the output end of the device is connected to the power supply and the circuit is recharged, and when the first switch is off and the second switch is on, the discharge circuit is grounded and

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fig. 5

discharged; and

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Cmld* means for delaying opening of the second switch at lower temperatures, wherein the means for delaying opening of the second switch is configured between the trigger signal source and the second switch.

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